

10/518472

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/S/8,472
Source: PST
Date Processed by STIC: 1-10-05

ENTERED



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/518,472

DATE: 01/10/2005

TIME: 15:20:58

Input Set : A:\82368-15.app

Output Set: N:\CRF4\01102005\J518472.raw

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3 <110> APPLICANT: Ito, Masashi
4     Saito, Yasushi
5     Eisai Co., Ltd.
7 <120> TITLE OF INVENTION: Primary Cultured Adipocytes for Gene Therapy
9 <130> FILE REFERENCE: 082368-001500US
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/518,472
C--> 12 <141> CURRENT FILING DATE: 2004-12-16
14 <150> PRIOR APPLICATION NUMBER: JP 2002-177648
15 <151> PRIOR FILING DATE: 2002-06-18
17 <150> PRIOR APPLICATION NUMBER: JP 2002-237974
18 <151> PRIOR FILING DATE: 2002-08-19
20 <150> PRIOR APPLICATION NUMBER: WO PCT/JP03/07721
21 <151> PRIOR FILING DATE: 2002-08-19
23 <160> NUMBER OF SEQ ID NOS: 11
25 <170> SOFTWARE: PatentIn version 3.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 30
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial
32 <220> FEATURE:
33 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for amplifying
34     human insulin gene
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47     human insulin gene
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53 <210> SEQ ID NO: 3
54 <211> LENGTH: 37
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial
58 <220> FEATURE:
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62 <400> SEQUENCE: 3
63 cttctacaca cccaggacca agcgggagggc agaggac 37
66 <210> SEQ ID NO: 4

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67 <211> LENGTH: 28
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72 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for
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79 <210> SEQ ID NO: 5
80 <211> LENGTH: 29
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial
84 <220> FEATURE:
85 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for
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88 <400> SEQUENCE: 5
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93 <211> LENGTH: 83
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95 <213> ORGANISM: Artificial
97 <220> FEATURE:
98 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for
99     constructing a gene encoding a secretory human GLP-1
101 <400> SEQUENCE: 6
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104 tgctgaaggg acctttacca gtg                83
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112 <220> FEATURE:
113 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for
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116 <400> SEQUENCE: 7
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119 taagaactta catcactggt aaaggtccct tcagc                95
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124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial
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128 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for PCR
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134 <210> SEQ ID NO: 9
135 <211> LENGTH: 23
136 <212> TYPE: DNA
137 <213> ORGANISM: Artificial

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139 <220> FEATURE:
140 <223> OTHER INFORMATION: an artificially synthesized oligonucleotide for PCR
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155 <221> NAME/KEY: CDS
156 <222> LOCATION: (1)..(144)
157 <223> OTHER INFORMATION:
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161 Met Leu Leu Leu Leu Leu Leu Leu Gly Leu Arg Leu Gln Leu Ser Leu
162 1 5 10 15
164 ggc cat gct gaa ggg acc ttt acc agt gat gta agt tct tat ttg gaa 96
165 Gly His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu
166 20 25 30
168 ggc caa gct gcc aag gag ttc att gct tgg ctg gtg aaa ggc cga gga 144
169 Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
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173 <210> SEQ ID NO: 11
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175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial
178 <220> FEATURE:
179 <223> OTHER INFORMATION: a secretory human GLP-1
181 <400> SEQUENCE: 11
183 Met Leu Leu Leu Leu Leu Leu Leu Gly Leu Arg Leu Gln Leu Ser Leu
184 1 5 10 15
186 Gly His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu
187 20 25 30
189 Gly Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
190 35 40 45

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/518,472

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TIME: 15:20:59

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11

VERIFICATION SUMMARY

DATE: 01/10/2005

PATENT APPLICATION: US/10/518,472

TIME: 15:20:59

Input Set : A:\82368-15.app

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:159 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:10,Line#:157